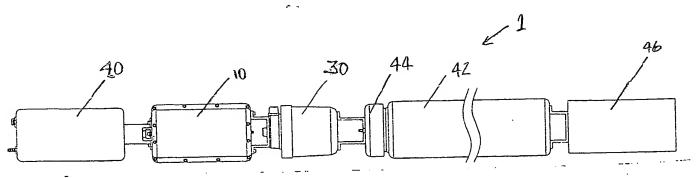
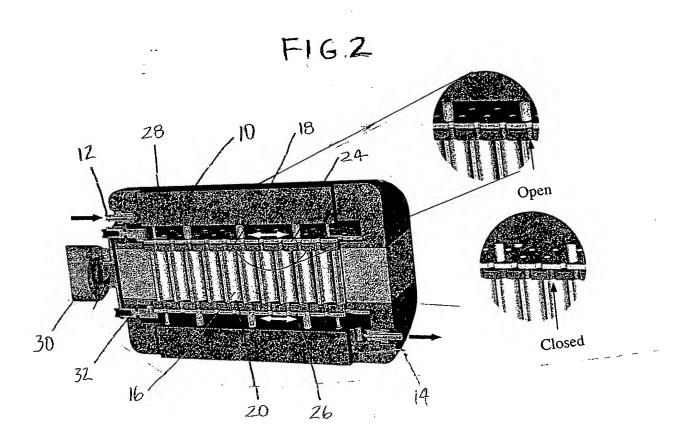
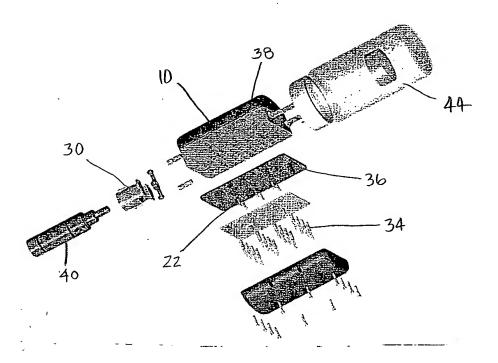
FIG. 1





F16.3



F16.4

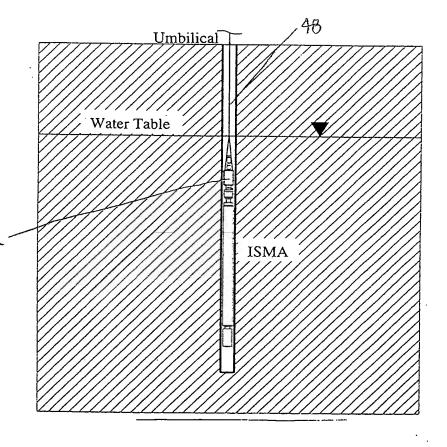
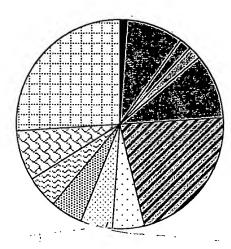
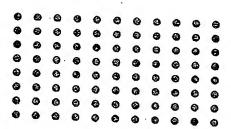


FIG.5A

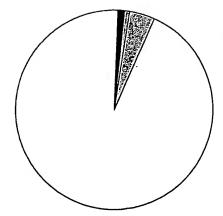


■ Active uranium reducers
 Active metal reducers
 Active nutrient fermenters
 Active nutrient oxidizers
 Active nutrient reducers
 Active other bacteria
 Inactive uranium-reducers
 Inactive metal reducers
 Inactive nutrient fermenters
 Inactive nutrient oxidizers
 Inactive nutrient reducers
 Inactive nutrient reducers
 Inactive nutrient reducers
 Inactive other bacteria

F16.5B



F16.5C



■ Active, known uranium reducers

■ Active, novel uranium reducers

■ Potential uranium reducers

□ Other bacteria

FIG. 6

	A	<u>B</u>	C	D	E	F	G	H	I	J	K	L
i		а	b	С	d	e	f	g	h	a5	a10	a50
ii	[m]	[n]	m	n	0	p	q	r	S	p	[p]	
										S	[S]	
iii	S	T										
iv		а	b	c	d	е	f	g	h	a5	a10	a50
v	[m]	[n]	m	n	0	p	q	r	S	p	[p]	
										S	[S]	
vi		а	b	c	d	e	f	g	h	a5	a10	a50
vii	[m]	[n]	m	n	0	p	q	r	s	p	[p]	
										S	[S]	
viii		а	b	c	d	e	f	g	h	a5	a10	a50